

SEQUENCE LISTING

<110> CHRISTOPHERS, ENNO
HARDER, JURGEN
SCHRODER, JENS.

<120> HUMAN ANTIBIOTIC PROTEINS

<130> SCH-1813A

<140> 09/868,659

<141> 2001-06-20

<150> PCT/EP00/00776

<151> 2000-02-01

<150> DE 199 05 128.9

<151> 1999-02-01

<150> DE 199 49 436.3

<151> 1999-10-08

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<170> PatentIn Ver. 2.1

<210> 1

<211> 128

<212> PRT

<213> Homo sapiens

<400> 1

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Lys | Pro | Lys | Gly | Met | Thr | Ser | Ser | Gln | Trp | Phe | Lys | Ile | Gln | His | Met |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gln | Pro | Ser | Pro | Gln | Ala | Cys | Asn | Ser | Ala | Met | Lys | Asn | Ile | Asn | Lys |
| | | | 20 | | | | | 25 | | | | | 30 | | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| His | Thr | Lys | Arg | Cys | Lys | Asp | Leu | Asn | Thr | Phe | Leu | His | Glu | Pro | Phe |
| | | 35 | | | | | 40 | | | | | 45 | | | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ser | Ser | Val | Ala | Ala | Thr | Cys | Gln | Thr | Pro | Lys | Ile | Ala | Cys | Lys | Asn |
| | | 50 | | | | 55 | | | | | 60 | | | | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Asp | Lys | Asn | Cys | His | Gln | Ser | His | Gly | Pro | Val | Ser | Leu | Thr | Met |
| 65 | | | | | 70 | | | | | 75 | | | | | 80 |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | Lys | Leu | Thr | Ser | Gly | Lys | Tyr | Pro | Asn | Cys | Arg | Tyr | Lys | Glu | Lys |
| | | | | 85 | | | | | 90 | | | | | 95 | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Arg | Gln | Asn | Lys | Ser | Tyr | Val | Val | Ala | Cys | Lys | Pro | Pro | Gln | Lys | Lys |
| | | | 100 | | | | | 105 | | | | | 110 | | |

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asp | Ser | Gln | Gln | Phe | His | Leu | Val | Pro | Val | His | Leu | Asp | Arg | Val | Leu |
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 35 40 45

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 Met Thr Ser Ser Gln Trp Phe Lys Ile Gln His Met Gln Pro Ser Pro
 35 40 45
 Gln Ala Cys Asn Ser Ala Met Lys Asn Ile Asn Lys His Thr Lys Arg
 50 55 60
 Cys Lys Asp Leu Asn Thr Phe Leu His Glu Pro Phe Ser Ser Val Ala
 65 70 75 80
 Ala Thr Cys Gln Thr Pro Lys Ile Ala Cys Lys Asn Gly Asp Lys Asn
 85 90 95
 Cys His Gln Ser His Gly Pro Val Ser Leu Thr Met Cys Lys Leu Thr
 100 105 110
 Ser Gly Lys Tyr Pro Asn Cys Arg Tyr Lys Glu Lys Arg Gln Asn Lys
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1 5 10 15

Pro Val Pro Gly His Gly Gly Ile Ile Asn Thr Leu Gln Lys Tyr Tyr
20 25 30

Cys Arg Val Arg Gly Gly Arg Cys Ala Val Leu Ser Cys Leu Pro Lys
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Arg Lys Lys
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aacaccttcc tgcacgagcc ttctctccagt gtggccgcca cctgccagac ccccaaaata 180
gcctgcaaga atggcgataa aaactgccac cagagccacg ggcccgtgtc cctgaccatg 240
tgtaagctca cctcagggaa gtatccgaac tgcaggtaca aagagaagcg acagaacaag 300
tcttacgtag tggcctgtaa gcctccccag aaaaaggact ctcagcaatt ccacctggtt 360
cctgtacact tggacagagt ctt 384

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<212> DNA

<213> Homo sapiens

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tgccgaagaa agaaa 135

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<212> DNA

<213> Homo sapiens

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attcagcaca tgcagcccag ccctcaagca tgcaactcag ccatgaaaaa cattaacaag 180
cacacaaaac ggtgcaaaga cctcaacacc ttctgtcacg agcctttctc cagtgtggcc 240
gccacctgcc agacccccaa aatagcctgc aagaatggcg ataaaaactg ccaccagagc 300
cacgggcccc tgtccctgac catgtgtaag ctcacctcag ggaagtatcc gaactgcagg 360

tacaaagaga agcgacagaa caagtcttac gtagtggcct gtaagcctcc ccagaaaaag 420
gactctcagc aattccacct ggttcctgta cacttggaca gagtcctt 468

<210> 8

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<212> DNA

<213> Homo sapiens

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gctgtgctca gctgccttcc aaaggaggaa cagatcggca agtgctcgac gcgtggccga 180
aatgctgcc gaagaaagaa a 201